



BARGE PIPING TEST LETTER

INSTRUCTIONS: FILL OUT COMPLETELY. WRITE "N/A" ON ANY NON-APPLICABLE LINE.

BARGE NAME / NUMBER: Smi 30021

Last Hydro Test Date (188 PSI) 6/2/16
(USCG Required Twice a year in five years)

Note: Test Results are valid for (1) One year from date of test!

Letter of Expiration Date (one year from test): 6/2/17

1. Cargo Piping and Vales (One year from test): 6/2/17

Annual Test Pressure (125 psi): 188 PSI

2. Cargo Relief Valve (Date of test): 6/2/16

Annual Test Pressure (125 psi): 125 PSI

3. Cargo Pressure Gauge (Date of test): 6/2/16

Annual percent of Accuracy (%): 98%

4. Steam Piping and Relief Valves (Date of test): N/A

Annual Test Pressure (125 psi): N/A

Signature: [Handwritten Signature]



VAPOR TIGHTNESS TEST

Note: Test Result are valid for (1) one year from date of test

Vessel Name: SM 30021
Testing Location: WESTPORT
Tanks Tested: 1, 2, 3 P/S

Test Date: 6/2/16
Maximum Load Rate: (BPH): 6500
Pressure Indicator: MANOMETER

TEST RESULTS

Test Duration: 30 minutes
Beginning Pressure: 28.0 Inches H2O
Ending Pressure: 27.7 Inches H2O
Total Pressure Loss: 0.3 Inches H2O
Allowable Pressure Loss: 3 Inches H2O

Barge is Vapor Tight if "Total Pressure Loss" is Less than "Allowable Pressure Loss"

This vessel has been tested in accordance with section 61.304F and has been found to be vapor tight.

Cameron Newett
Tester (Print)
[Signature]
Tester (Signature)

Tony Sandoval
Witness: (Print)
[Signature]
Witness: (Signature)
WESTPORT ORANGE
Affiliation of Witness:

- (P1) - Beginning Pressure
- (Delta P) - Total Pressure Loss
- (TP) - 14.7 plus Barge Test Pressure in PSI
- (V) - Volume of Tank (s)
- 0.861 - PIA @ (P1)

- (P2) - Ending Pressure
- (Delta PM) - Allowable Pressure Loss
- (L) - Maximum Load Rate in BPH
- (Delta T) = Test Duration

$$0.861 \times \frac{157}{(TP)} \times \left(\frac{6500}{(L)} \right) \times \frac{30000}{(V)} = \frac{3}{(Delta PM)}$$